Claims

[c1] What is claimed is:

1.A method for determining an operating voltage of floating point error detection of a central processing unit (CPU) through a control circuit; said CPU comprising a first output port, wherein said first output port is floating when said operating voltage of floating point error detection of said CPU is higher than a first predetermined voltage level, and said first output port is connected to a grounding when said operating voltage of floating point error detection of said CPU is lower than said first predetermined voltage level; said control circuit comprising a test port connected to the first output port of said CPU for determining said operating voltage of floating point error detection of said CPU; said method comprising:

providing a power supply connected to the first output port of said CPU via a resistor for supplying a first voltage level; and

measuring a voltage level at said test port of said control circuit to determine said operating voltage of floating point error detection of said CPU.

[c2] 2.The method of claim 1 wherein said first voltage level is a positive voltage, said operating voltage of said CPU is higher than said first predetermined voltage level when said voltage level at said test port of said control circuit is higher than a second predetermined voltage level, and said operating voltage of said CPU is lower than said first predetermined voltage level when said voltage level at said test port of said control circuit is lower than said second predetermined voltage level.

[c3] 3.The method of claim 1 wherein said control circuit is a south bridge chipset.

[c4] 4.The method of claim 1 wherein said CPU further comprises a second output port connected to a signal input port of said control circuit for transmitting a predetermined signal;

said method further comprising:

determining information contained in said predetermined signal according to said operating voltage of floating point error detection of said CPU.

[c5] 5.The method of claim 4 wherein said predetermined signal is a floating point

error signal (FERR#) of said CPU.